



Test report issued under the responsibility of:
Test laboratory EMITECH ILE DE FRANCE
MRA US-EU Designation Number: FR0004 (S102)

RADIO TEST REPORT

FCC 47 CFR PART 15 : 2025

Company: **INNOVAL**
Address.....: *Rue Eric Tabarly*
35530 NOYAL SUR VILAINE
FRANCE

Test item description: **Farrowing detector**
Trade Mark: *EASYFOAL*
Manufacturer.....: *INNOVAL*
Model/Type reference.....: *Sensor*
Ratings.....: *2.8 – 3.7 Vdc*

Testing Laboratory: **EMITECH ILE DE France Laboratory**
Address.....: 30-32, avenue des 3 Peuples
78180 MONTIGNY-LE-BRETONNEUX - FRANCE

Report Reference No......: **RCE-EMIESS24H695RFT-5A v0**
Test procedure: FCC Certification
Diffusion.....: JACQUES PELTIER
Applicant's name: *RF TRACK*
Date of issue.....: 01/12/2025
Total number of pages.....: 35
Revision.....: 0
Compiled by.....: N. PEREZ (Test technician)

Technical verification & Quality approval



Pellerin Bruno
Technical Entity Manager

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REVISION HISTORY:

Revision	Date	Modified pages	Modifications
0	21/10/2025	/	Creation

1. GENERAL INFORMATION

TESTING PROCEDURE AND TESTING LOCATION:					
Testing Location		EMITECH ILE DE France Laboratory			
Address		30-32, avenue des 3 Peuples 78180 MONTIGNY-LE-BRETONNEUX - FRANCE			
Test procedure		FCC Certification			
Tested by		N. PEREZ			
Test supervisor		B. PELLERIN			
Date of receipt of test item		08/09/2025			
Dates of performance of tests		From 27/11 to 28/11/2025			
APPLICANT'S GENERAL INFORMATIONS:					
Company name		INNOVAL			
Company address		Rue Eric Tabarly 35530 NOYAL SUR VILAINE FRANCE			
Person present during the tests		-			
Responsible		JACQUES PELTIER			
GENERAL REMARKS:					
<i>The information in italics is declared by the manufacturer and is under his responsibility.</i> The test results presented in this report relate only to the object tested. The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report. "(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report the decimal separator is point.					
POSSIBLE TEST CASE VERDICTS:					
Test case does not apply to the test object..		N/A			
Test case not performed.....		N/P			
Test object does meet the requirement.....		P (Pass)			
Test object does not meet the requirement..		F (Fail)			
DEFINITIONS AND ABBREVIATIONS:					
E.U.T	Equipment Under Test	AE	Ancillary Equipment	Pk	Peak detector
RBW	Resolution BandWidth	VBW	Video BandWidth	QP	Quasi-peak detector
FSOATS	Free Space Open Area Test Site	FAR	Full Anechoic Room	Av	Average detector
V	Vertical Polarization	H	Horizontal Polarization	RMS	Root Mean Square
RF	Radio Frequency	N.T.R	Nothing To Report	N/C	Not Communicated

2. REFERENCE DOCUMENTS

NORMATIVE REFERENCES:
The following referenced documents are necessary for the application of the present test report. FCC 47 CFR PART 15 : 2025 Code of federal regulations Title 47- Telecommunication Chapter 1- Federal Communication Commission ANSI C63.10 : 2020 American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices. Although the product standard uses obsolete technical standards, the latest versions of standards achievable by the laboratory will be used for testing.
INFORMATIVE REFERENCES:
/

3. EQUIPMENT TECHNICAL DESCRIPTION

3.1. Test Conditions

Test item description. : Farrowing detector
 Model/Type reference..... : Sensor
 Trade Mark. : EASYFOAL
 Serial number (S/N)..... : 25010980
 Part number (P/N). : 25010980
 Software version..... : TagAlgoVel_V301_009 (vêlage)
 Firmware version. : TagAlgoVel_V301_009 (vêlage)
 Fcc Id..... : 2BSNU-EFSV01SEN01
 Type of sample..... : *Serial*
 Function..... : *Farrowing detection system*
 Manufacturer name. : *INNOVAL*
 Address. : Rue Eric Tabarly,
 35530 NOYAL SUR VILAINE
 FRANCE

General product information: -

3.2. E.U.T Overview



3.3.E.U.T Marking Plate



3.4.E.U.T Modifications

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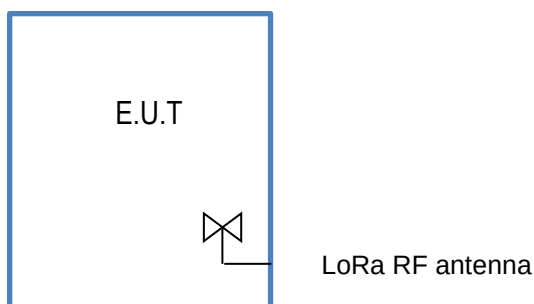
3.5.E.U.T Electronic board

-

3.6.E.U.T Mechanical and Electrical Design

Power supply : 3.6Vdc
 Power supply range..... : 2.8 / 3.7Vdc
 Power type..... : Internal Battery Li-SOCL2, 2.6Ah
 Power (W)..... : N/C
 Nominal current (A). : N/C
 Dimensions (L x W x H) (m). : 0.08 x 0.04 x 0.025
 Weight (kg). : 0.075
 Temperature range (°C). : -20 / +55
 Ground bounding strap..... : No
 Comments:

3.7.E.U.T Input/Output ports



PORT	NAME	TYPE	LENGTH	CABLE TYPE	COMMENTS
0	E.U.T	N/E	N/A	Plastic	-
1	LoRa	RF	Integrated	-	-

AC/DC : AC/DC Converter port AC : Alternative current port DC : Direct current port
 I/O : Input or Output port TP : Telecommunication port RF..... : Radio frequency port
 N/E : Non Electrical port

3.8.Supporting Equipment Used During Test

Sample subject to the tests was tested with following equipment.

PRODUCT TYPE	MANUFACTURER	MODEL	N°EMITECH / COMMENTS

(AE)

4. RESULT SUMMARY

B of the standard FCC part 15 – Unintentional radiators

TEST DESIGNATION	TEST PROCEDURE	VERDICT	COMMENTS
Measurement of conducted emission on AC mains ports	15.107	N/A	
Radiated emission limits	15.109	N/A	

Subpart C of the standard FCC part 15 – Unintentional radiators

TEST DESIGNATION	TEST PROCEDURE	VERDICT	COMMENTS
Restriction bands of operation	15.205	PASS	
Measurement of conducted emission on AC mains ports	15.207	N/A	
Radiated emission limits; general requirements	15.209	PASS	
Additional provision to the general radiated emission limitations	15.215		
- (a) Alternative to general radiated emission limits		PASS	
- (b) Unwanted emissions outside of § 15.247 frequency bands		PASS	
- (c) 20 dB bandwidth and band-edge compliance		PASS	
Intentional radiated emissions	15.247		
- a) frequency hopping and digitally modulated	-	N/A	
- a) (1) hopping mode	-	N/A	
- a) (1) (i) frequency hopping in the band 902-928 MHz	-	N/A	
- a) (1) (ii) frequency hopping in the band 5725-5850 MHz	-	N/A	
- a) (1) (iii) frequency hopping in the band 2400-2483.5 MHz	-	N/A	
- a) (2) systems using digital modulation in the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz (6 dB bandwidth)	-	PASS	
- b) maximum peak conducted	-		
- b) (1) frequency hopping in the bands 2400-2483.5 MHz or 5725-5850 MHz	-	N/A	
- b) (2) frequency hopping in the band 902-928 MHz	-	N/A	
- b) (3) systems using digital modulation in the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz	-	PASS	
- b) (4) maximum peak conducted > 6 dBi	-	N/A	
- b) (4) (i) frequency hopping in the band 2400-2483.5 MHz	-	N/A	
- b) (4) (ii) frequency hopping in the band 5725-5850 MHz	-	N/A	
- b) (4) (iii) fixed, point-to-point	-	N/A	
- c) directional antenna > 6 dBi	-	N/A	
- c) (1) fixed, point-to-point operation	-	N/A	
- c) (1) (i) in the band 2400-2483.5 MHz	-	N/A	
- c) (1) (ii) in the band 5725-5850 MHz	-	N/A	
- c) (1) (iii) fixed, point-to-point	-	N/A	

TEST DESIGNATION	TEST PROCEDURE	VERDICT	COMMENTS
- c) (2) multiple directional beams in the band 2400–2483.5 MHz	-	N/A	P < 500 mW
- c) (2) (i) information	-	N/A	
- c) (2) (ii) sum of the power supplied to all antennas	-	N/A	
- c) (2) (iii) one antenna for multiple directional beams	-	N/A	
- c) (2) (iv) single directional beam	-	N/A	
- d) intentional radiator	-	PASS	
- e) peak power spectral density	-	PASS	
- f) hybrid system	-	N/A	
- g) continuous data stream during the test	-	N/A	
- h) to avoid hopping on occupied channels	-	N/A	
- i) RF exposure compliance	-	N/A	

5. EMC MEASUREMENT UNCERTAINTY

Uncertainties values presented below are required by standards:

PARAMETER	MAXIMAL EMITECH UNCERTAINTY	STANDARD UNCERTAINTY
Conducted emission		
Harmonics current 61000-3-2/3-12	± 5.0 %	± 5.00 %
Harmonics current 61000-3-12 (with probe)	± 5.9 %	/
Voltage fluctuation and flicker 61000-3-3/3-11	± 7.5 %	± 8.00 %
(Artificial Mains Network) 3kHz – 9kHz	± 3.8 dB	/
(Artificial Mains Network) 9kHz – 150kHz	± 3.6 dB	± 3.8 dB
(Artificial Mains Network) 150kHz – 30MHz	± 3.4 dB	± 3.4 dB
(Voltage probe) 9kHz – 30MHz	± 2.9 dB	± 2.9 dB
(Asymmetric Artificial Network) 150kHz – 30MHz	± 3.5 dB	± 5.0 dB
(Current measurement) 150kHz – 30MHz	± 2.9 dB	± 2.9 dB
(Capacitive Voltage Probe) 150kHz – 30MHz	± 3.6 dB	± 4.0 dB
(Discontinuous) 150kHz – 30MHz	± 3.4 dB	± 3.4 dB
(Van Veen) 9kHz – 30MHz	± 3.3 dB	± 3.3 dB
(Coupling Decoupling Network) 30MHz – 300MHz	± 3.5 dB	± 3.8 dB
(Splitter) 30MHz – 2.15GHz	± 3.4 dB	/
Disturbance power		
30MHz – 300MHz	± 4.4 dB	± 4.5 dB
Radiated emission		
(magnetic field) 9kHz – 30MHz	± 2.7 dB	/
(electric field in the OATS/SAC) 30MHz – 1GHz	± 5.2 dB	± 6.3 dB
(electric field in the FAR) 30MHz – 1GHz	± 5.2 dB	± 5.3 dB
(electric field in the FSOATS/FAR) 1GHz - 6GHz	± 5.0 / 5.2 dB	± 5.2 dB
(electric field in the FSOATS/FAR) 6GHz - 18GHz	± 5.3 / 5.4 dB	± 5.5 dB
(electric field) 18GHz - 40GHz	± 6.1 dB	/
(electric field) 40GHz - 140GHz	± 5.7 dB	/

For the calculation of expanded uncertainty, the confidence interval is 95 % (k=2).

OATS: Open Area Test Site
SAC: Semi Anechoic Chamber
FAR: Fully Anechoic Room

6. TEST CONDITIONS AND RESULTS

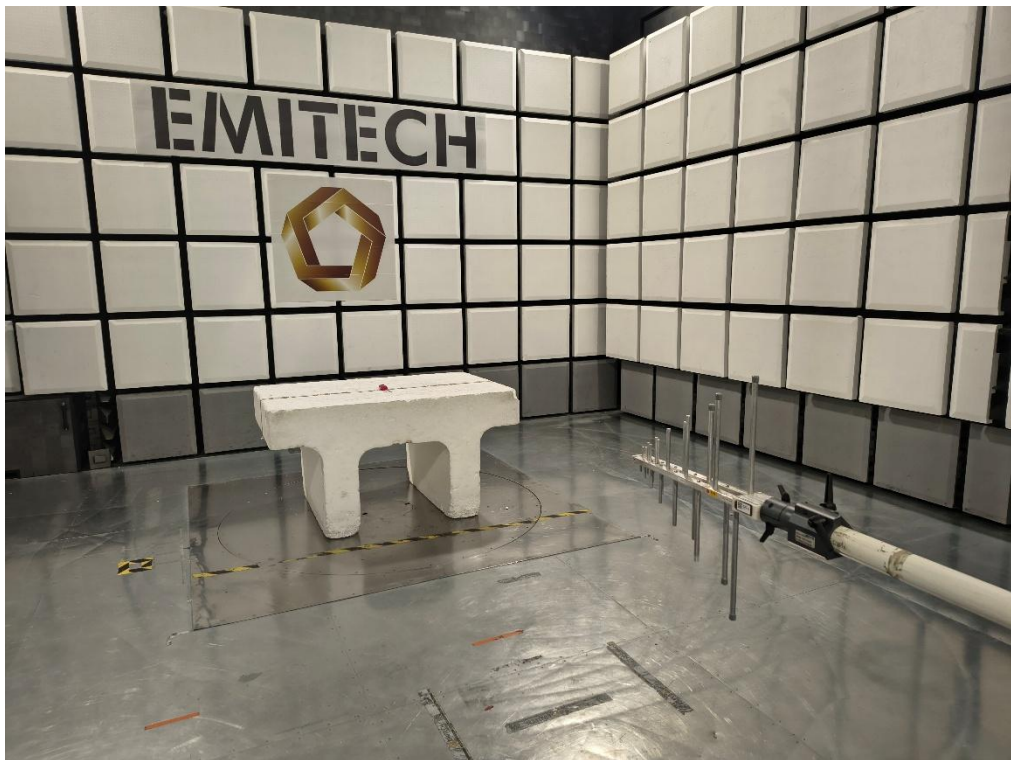
6.1. Digital modulation systems

Reference standard:	FCC 47 CFR PART 15 : 2025
Test method:	§ 15.247 a) (2) of FCC 47 CFR PART 15 : 2025
General test setup: E.U.T. is set on an insulating support at 80 cm above the ground reference plane. Measurement are done on a normalized test site by the substitution method. The test antenna is oriented in the two polarizations (vertical and horizontal), and the product is rotated at 360° in the horizontal plane (See photos for initial position of the EUT(0°)). If applicable the test antenna was raised and lowered through the specified range of height until a maximum signal level is detected. For portable equipments a research of maximum level is done on the 3 axes. Only the highest levels are recorded. Transmitter was operating continuous and maximally (100% duty cycle).	

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	10 to 40 °C	21°C
Relative Humidity	10 to 90 %	58%
Atmospheric pressure	N/A	-
Test method deviation: No		
Supplementary information: -		

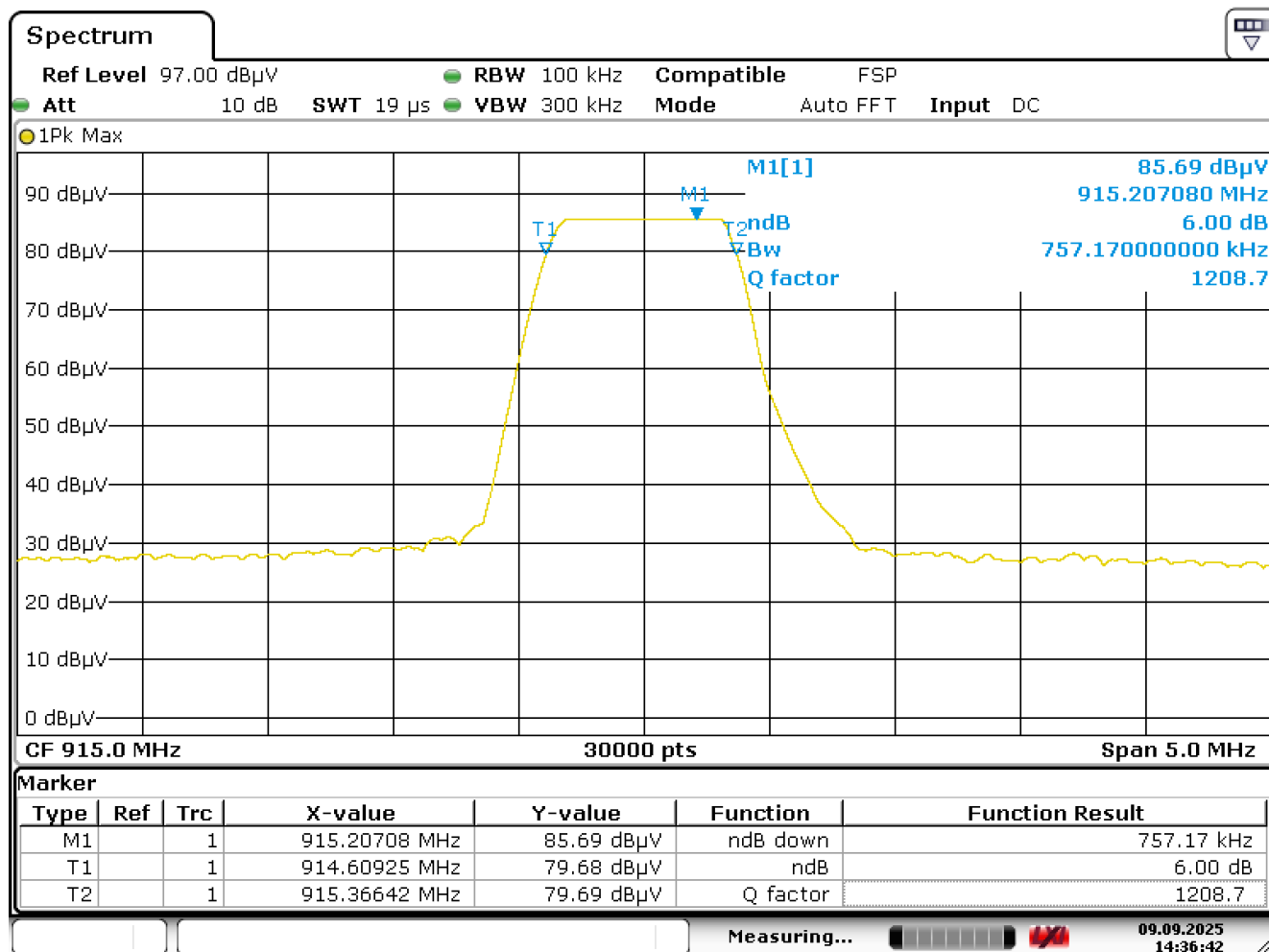
TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
-	Testo	608-H1	16605	04/01/2024	04/03/2026
Antenna	Schwarzbeck	UHALP 9108A	03106	12/06/2025	12/08/2027
Attenuator	Rohde & Schwarz	272.4210.50	10813	05/02/2025	05/04/2027
Cable	Huber + Suhner	N-6m	17270	30/08/2024	30/10/2026
Cable	Hytem	HY17D53UFA0200017D	19859	14/08/2024	14/10/2026
Cable	Hytem	HY17D53UFA0400017D	19868	14/08/2024	14/10/2026
Cable	Hytem	HY17D53UFA0400017D	19870	14/08/2024	14/10/2026
Receiver	Rohde & Schwarz	ESRP7	10517	13/11/2023	13/01/2026
Shielded enclosure	Comtest	SAC 3m	14622	25/08/2025	25/10/2028

TEST SETUP PHOTOS



6 dB Bandwidth single channel 915 MHz

Frequency (MHz)	Azimuth (°)	Antenna Hight (cm)	Results (MHz)
915.2	75	150	0.757



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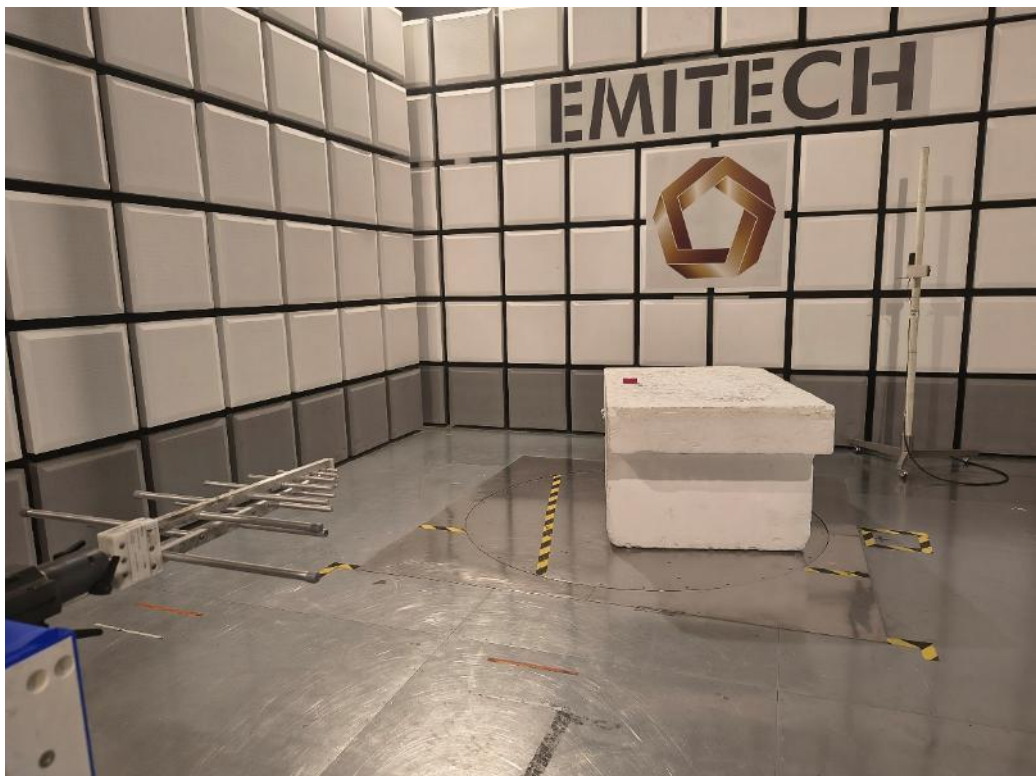
6.2. Transmitter output power

Reference standard:	FCC 47 CFR PART 15 : 2025
Test method:	§ 15.247 b) (3) of FCC 47 CFR PART 15 : 2025
General test setup: E.U.T. is set on an insulating support at 80 cm above the ground reference plane. Measurement are done on a normalized test site by the substitution method. The test antenna is oriented in the two polarizations (vertical and horizontal), and the product is rotated at 360° in the horizontal plane (See photos for initial position of the EUT(0°)). If applicable the test antenna was raised and lowered through the specified range of height until a maximum signal level is detected. For portable equipments a research of maximum level is done on the 3 axes. Only the highest levels are recorded. Transmitter was operating continuous and maximally (100% duty cycle).	

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	10 to 40 °C	21°C
Relative Humidity	10 to 90 %	58%
Atmospheric pressure	N/A	-
Test method deviation: No		
Supplementary information: -		

TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
-	Testo	608-H1	16605	04/01/2024	04/03/2026
Antenna	Schwarzbeck	UHALP 9108A	03106	12/06/2025	12/08/2027
Attenuator	Rohde & Schwarz	272.4210.50	10813	05/02/2025	05/04/2027
Cable	Huber + Suhner	N-6m	17270	30/08/2024	30/10/2026
Cable	Hytem	HY17D53UFA0200017D	19859	14/08/2024	14/10/2026
Cable	Hytem	HY17D53UFA0400017D	19868	14/08/2024	14/10/2026
Cable	Hytem	HY17D53UFA0400017D	19870	14/08/2024	14/10/2026
Receiver	Rohde & Schwarz	ESRP7	10517	13/11/2023	13/01/2026
Shielded enclosure	Comtest	SAC 3m	14622	25/08/2025	25/10/2028

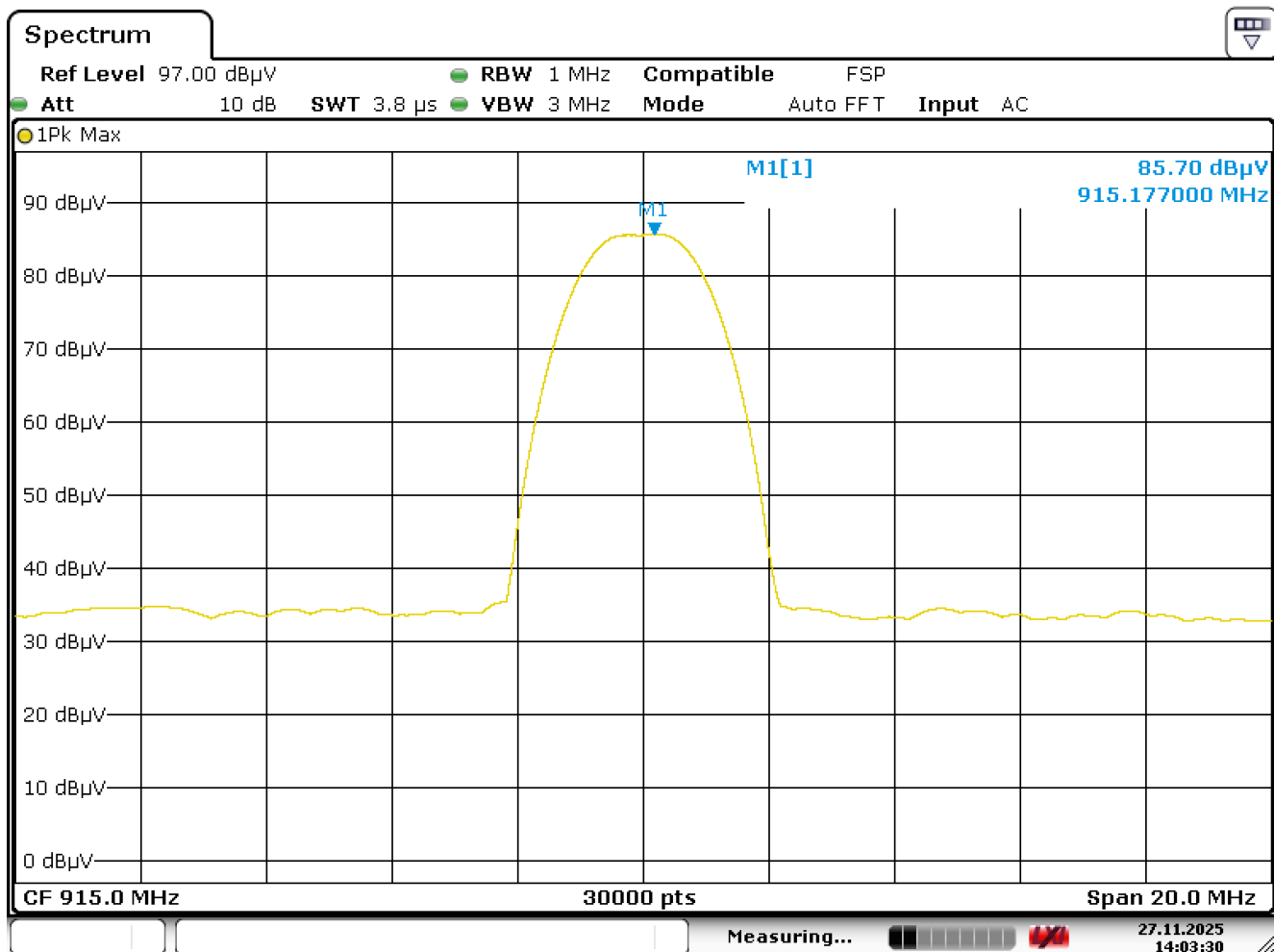
TEST SETUP PHOTOS



Single channel 915 MHz

Frequency (MHz)	Azimuth (°)	Antenna Hight (cm)	Electro-magnetic field (dBuV/m)	TP* (dBm)	Limit (dBm)
915.2	0	100	110.3	12.9	+30

*TP = $(E \times d)^2 / (30 \times 1.64)$ for $d = 3$



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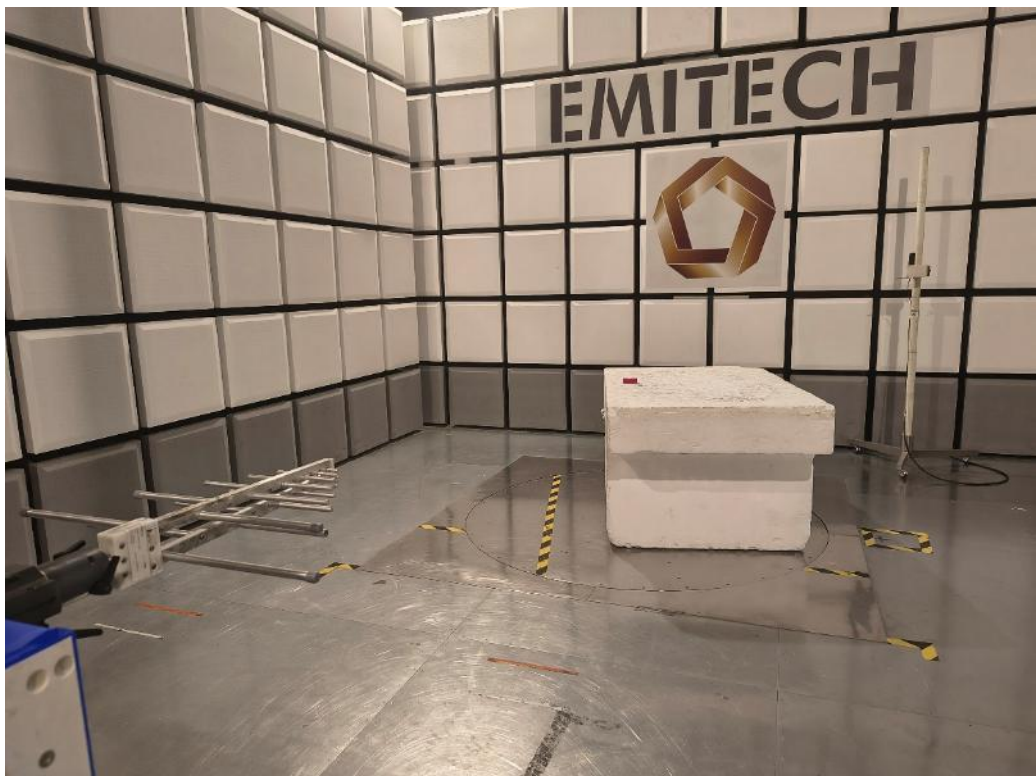
6.3. Peak power spectral density

Reference standard:	FCC 47 CFR PART 15 : 2025
Test method:	§ 15.247 2) (e) of FCC 47 CFR PART 15 : 2025
General test setup: E.U.T. is set on an insulating support at 80 cm above the ground reference plane. Measurement are done on a normalized test site by the substitution method. The test antenna is oriented in the two polarizations (vertical and horizontal), and the product is rotated at 360° in the horizontal plane (See photos for initial position of the EUT(0°)). If applicable the test antenna was raised and lowered through the specified range of height until a maximum signal level is detected. For portable equipments a research of maximum level is done on the 3 axes. Only the highest levels are recorded. Transmitter was operating continuous and maximally (100% duty cycle).	

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	10 to 40 °C	21°C
Relative Humidity	10 to 90 %	58%
Atmospheric pressure	N/A	-
Test method deviation: No		
Supplementary information: -		

TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
-	Testo	608-H1	16605	04/01/2024	04/03/2026
Antenna	Schwarzbeck	UHALP 9108A	03106	12/06/2025	12/08/2027
Attenuator	Rohde & Schwarz	272.4210.50	10813	05/02/2025	05/04/2027
Cable	Huber + Suhner	N-6m	17270	30/08/2024	30/10/2026
Cable	Hytem	HY17D53UFA0200017D	19859	14/08/2024	14/10/2026
Cable	Hytem	HY17D53UFA0400017D	19868	14/08/2024	14/10/2026
Cable	Hytem	HY17D53UFA0400017D	19870	14/08/2024	14/10/2026
Receiver	Rohde & Schwarz	ESRP7	10517	13/11/2023	13/01/2026
Shielded enclosure	Comtest	SAC 3m	14622	25/08/2025	25/10/2028

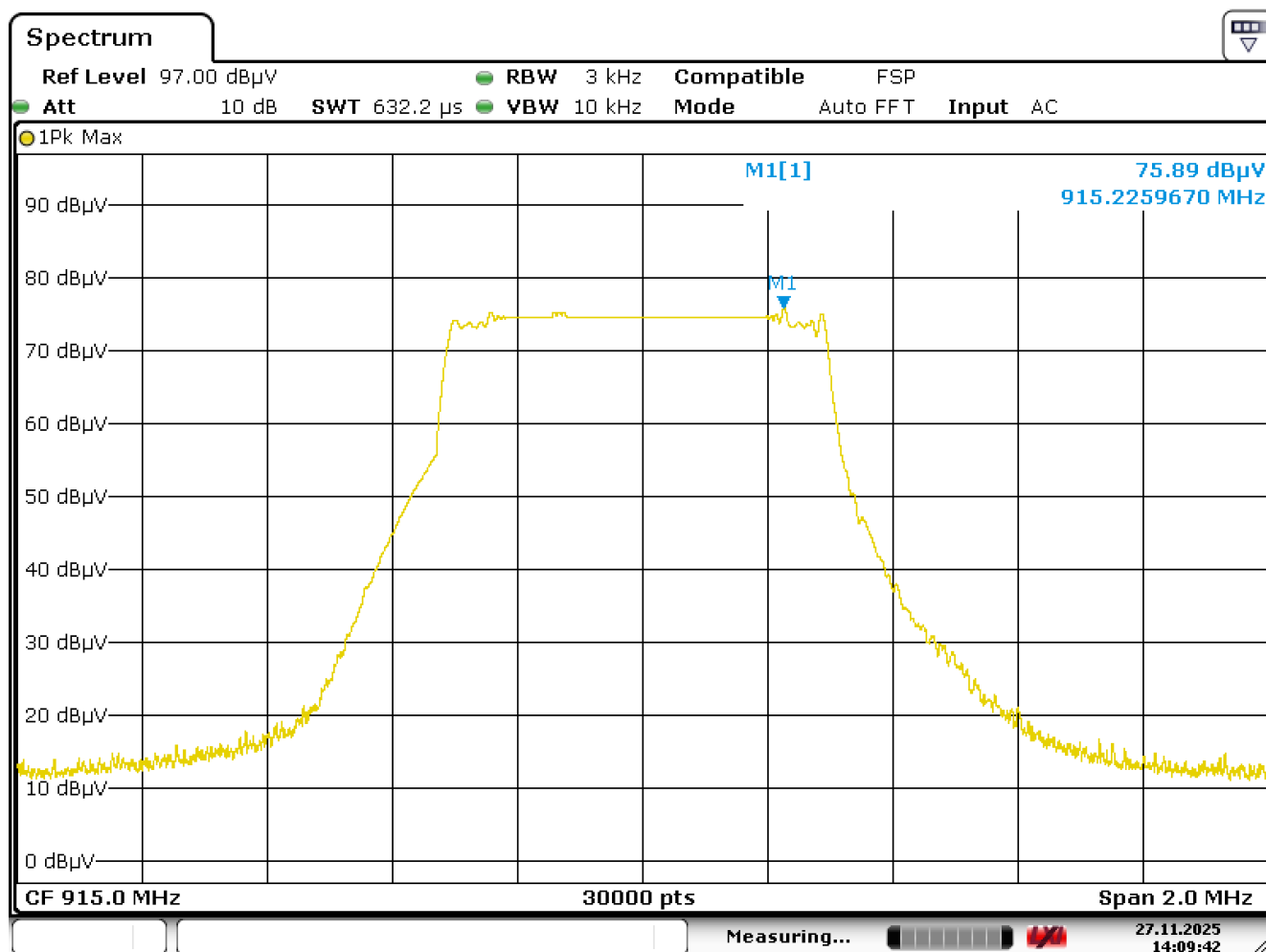
TEST SETUP PHOTOS



Single channel 915 MHz

Frequency (MHz)	Azimuth (°)	Antenna Hight (cm)	Electro-magnetic field (dBuV/m)	PSD* (dBm/3kHz)	Limit (dBm/3kHz)
915.2	0	100	100.5	3.1	8

*PSD = $(E \times d)^2 / (30 \times 1.64)$ for $d = 3 \text{ m}$



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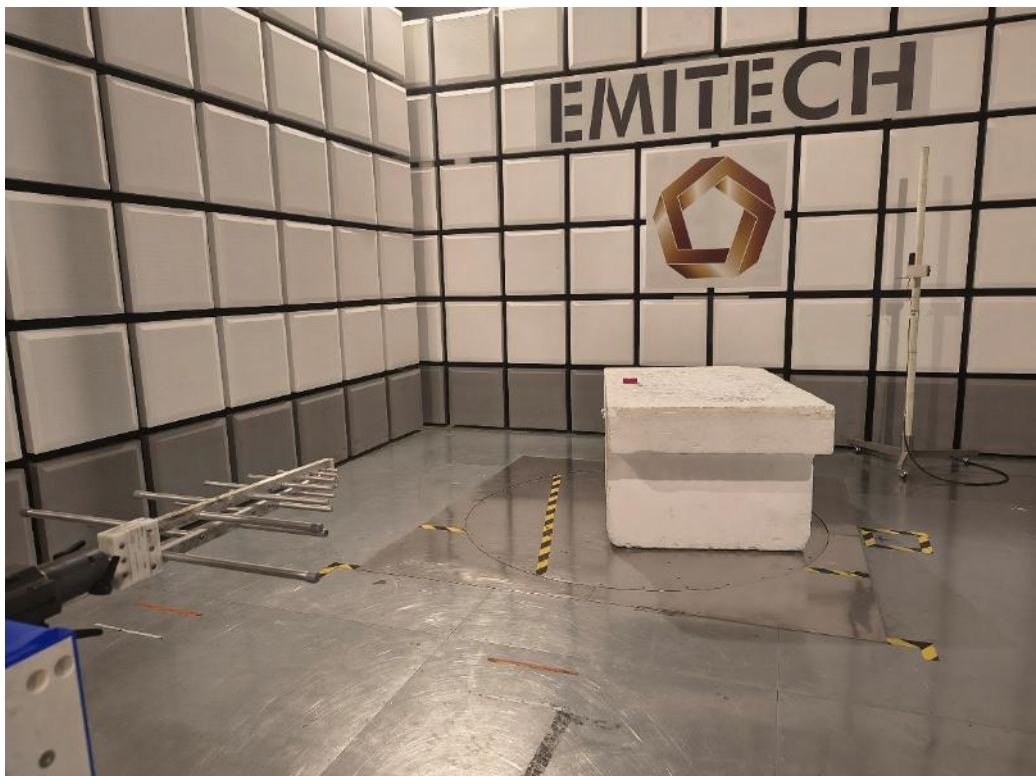
6.4. Additional provisions to the general radiated emissions limitation

Reference standard:	FCC 47 CFR PART 15 : 2025
Test method:	§ 15.247 2) (d) of FCC 47 CFR PART 15 : 2025
General test setup: E.U.T. is set on an insulating support at 80 cm above the ground reference plane. Measurement are done on a normalized test site by the substitution method. The test antenna is oriented in the two polarizations (vertical and horizontal), and the product is rotated at 360° in the horizontal plane (See photos for initial position of the EUT(0°)). If applicable the test antenna was raised and lowered through the specified range of height until a maximum signal level is detected. For portable equipments a research of maximum level is done on the 3 axes. Only the highest levels are recorded. Transmitter was operating continuous and maximally (100% duty cycle).	

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	10 to 40 °C	21°C
Relative Humidity	10 to 90 %	58%
Atmospheric pressure	N/A	-
Test method deviation: No		
Supplementary information: -		

TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
-	Testo	608-H1	16605	04/01/2024	04/03/2026
Antenna	Schwarzbeck	UHALP 9108A	03106	12/06/2025	12/08/2027
Attenuator	Rohde & Schwarz	272.4210.50	10813	05/02/2025	05/04/2027
Cable	Huber + Suhner	N-6m	17270	30/08/2024	30/10/2026
Cable	Hytem	HY17D53UFA0200017D	19859	14/08/2024	14/10/2026
Cable	Hytem	HY17D53UFA0400017D	19868	14/08/2024	14/10/2026
Cable	Hytem	HY17D53UFA0400017D	19870	14/08/2024	14/10/2026
Receiver	Rohde & Schwarz	ESRP7	10517	13/11/2023	13/01/2026
Shielded enclosure	Comtest	SAC 3m	14622	25/08/2025	25/10/2028

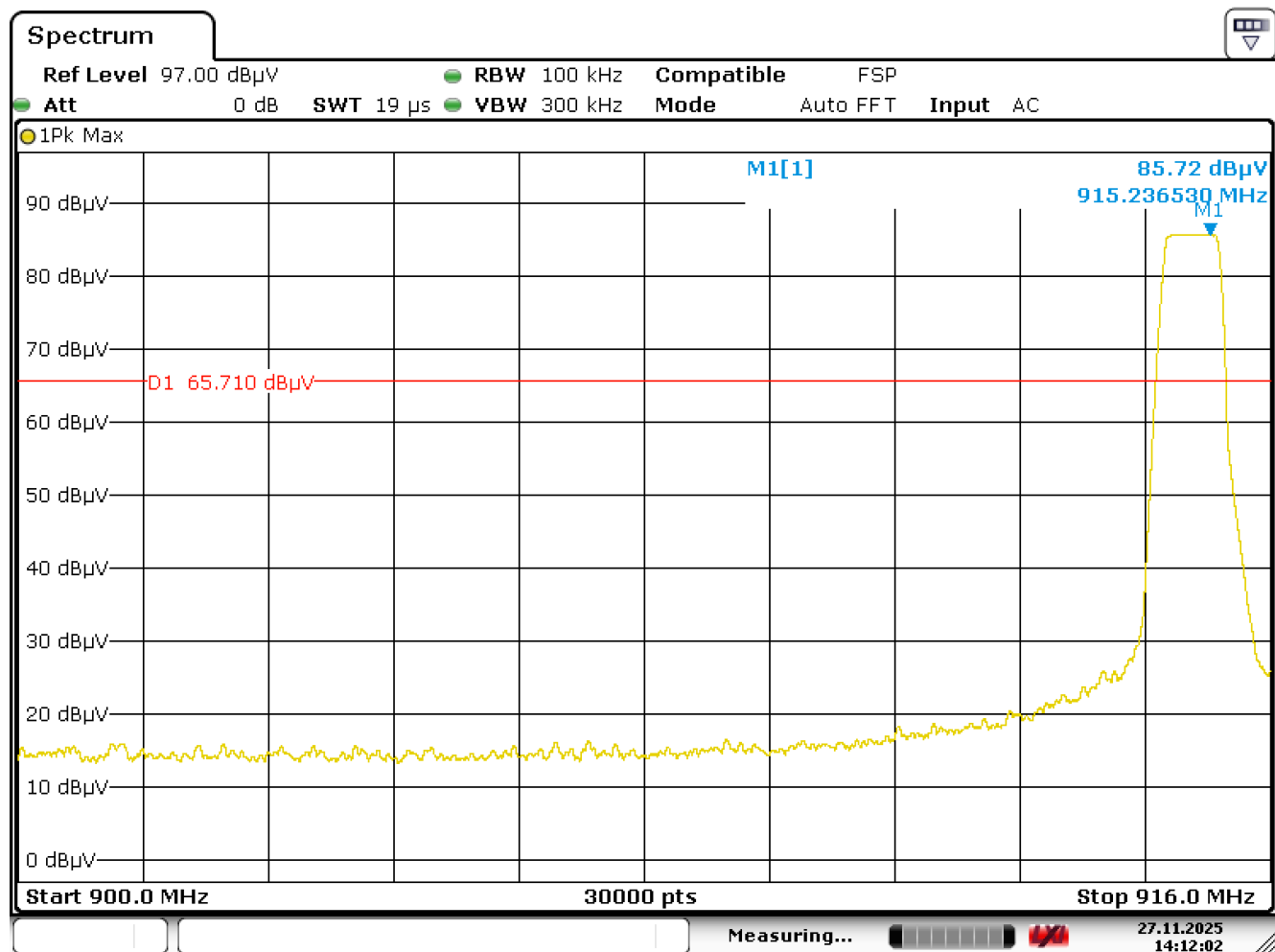
TEST SETUP PHOTOS



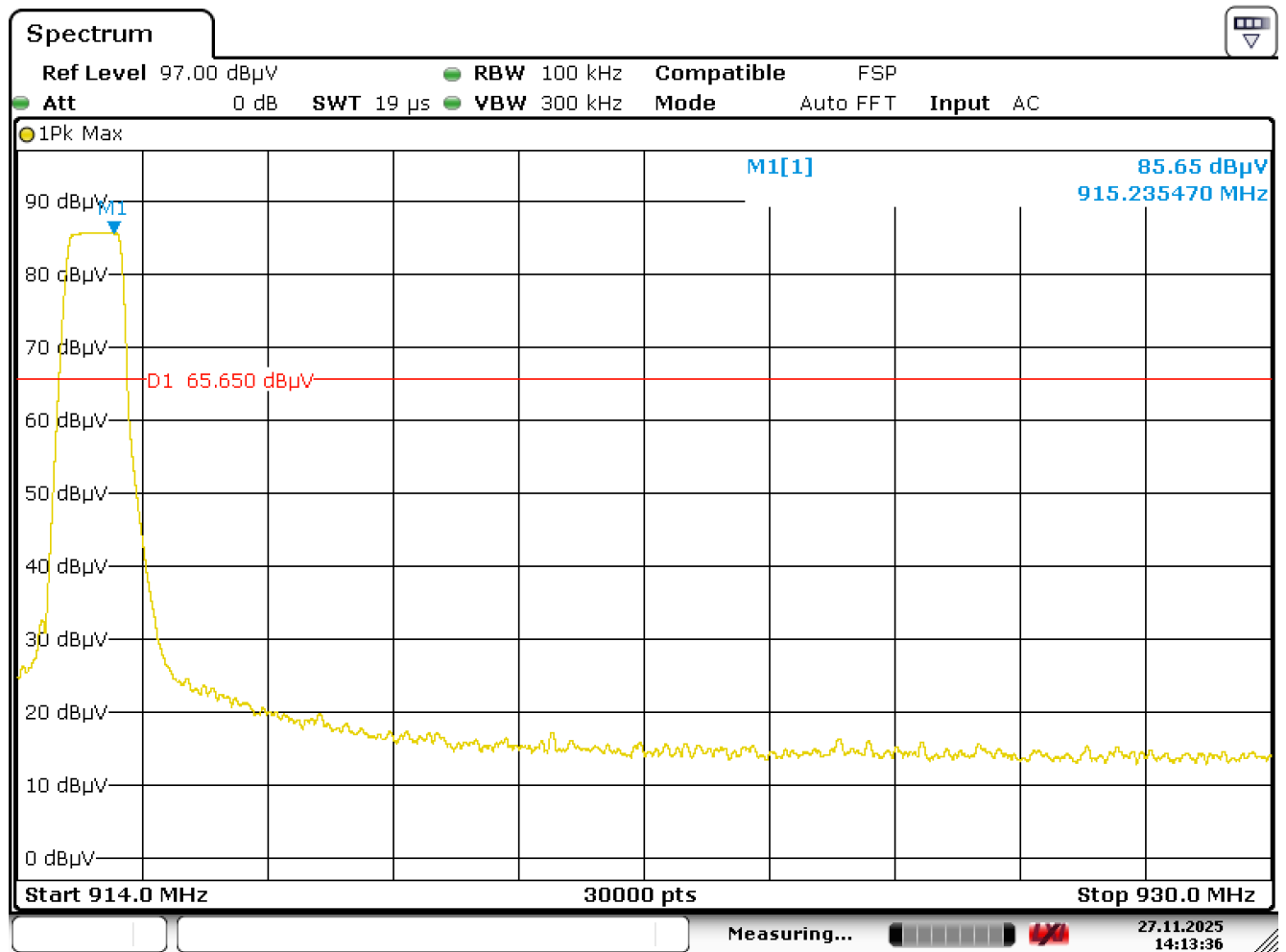
Single channel 915 MHz

Lower Band Edge : from 900 MHz to 902 MHz

Upper Band Edge : from 928 MHz to 930 MHz



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6.5. Measurement of radiated disturbances

Reference standard:	FCC 47 CFR PART 15 : 2025
Test method:	§ 15.109 of FCC 47 CFR PART 15 : 2025 § 15.209 of FCC 47 CFR PART 15 : 2025
General test setup: E.U.T is set on an insulating support at 80 cm above the ground reference plane. First (peak) measurements were performed at an antenna to E.U.T separation distance of 3-meter. The E.U.T was rotated 360° about its azimuth with the receive antenna located in horizontal and vertical polarities and, for SAC method, at various heights. Final measurements (quasi-peak) were then performed in a reference test site that complies to CISPR 16-1-4. The E.U.T was rotated 360° about its azimuth and, for SAC method, adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarization, where applicable. Transmitter was operating continuous and maximally (100% duty cycle).	

TESTED CONFIGURATION	PARAMETER	RESULT TAB.	VERDICT
LORA radio function in TX mode - ANT 0° Maxhold 360°	9kHz-30MHz	EMI4503	PASS
LORA radio function in TX mode - ANT 45° - Maxhold 360°	9kHz-30MHz	EMI4501	PASS
LORA radio function in TX mode - ANT 90° - Maxhold 360°	9kHz-30MHz	EMI4502	PASS
LORA radio function in TX mode - Maxhold 360°	30MHz-1GHz	EMI4461	PASS
LORA radio function in RX mode - Maxhold 360°	30MHz-1GHz	EMI4462	PASS
LORA radio function in TX mode - Maxhold 360°	1GHz-10GHz	EMI4615	PASS
LORA radio function in RX mode - Maxhold 360°	1GHz-10GHz	EMI4616	PASS

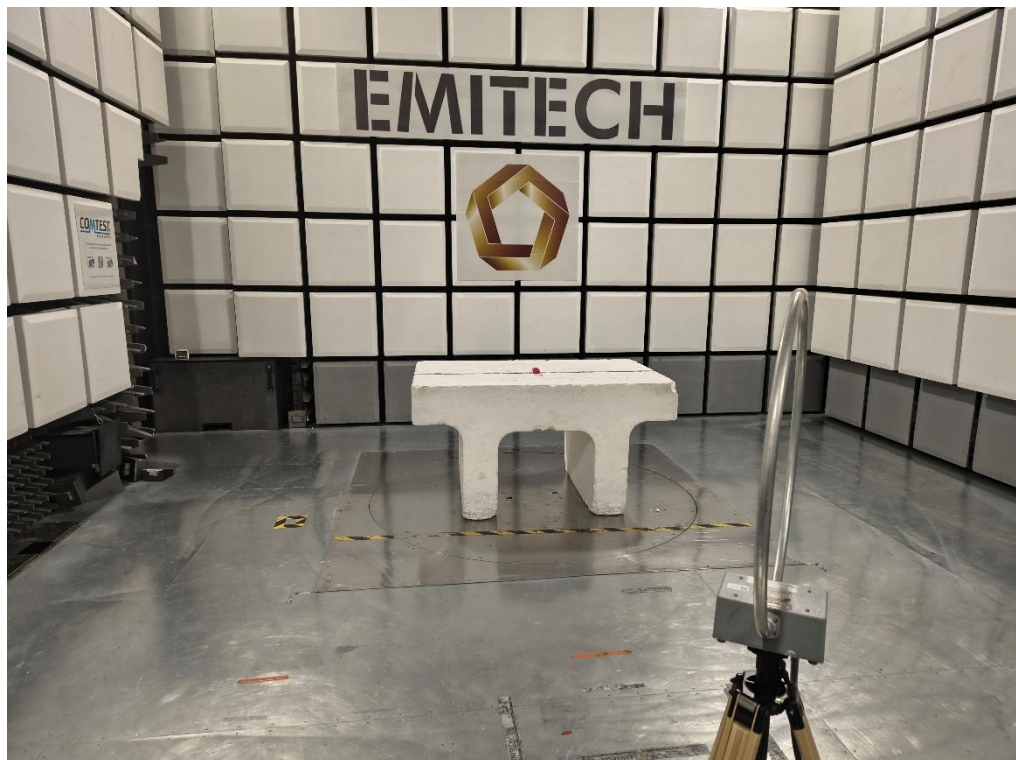
LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	10 to 40 °C	See Graph(s)
Relative Humidity	10 to 90 %	See Graph(s)
Atmospheric pressure	N/A	See Graph(s)
Test method deviation: No		
Supplementary information: -		

TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
-	Testo	608-H1	16605	04/01/2024	04/03/2026
Amplifier	Mini-circuit	ZFL-1000-LN	06368	27/02/2025	27/04/2026
Amplifier	Com-power	PAM-118A	17034	11/08/2025	11/10/2026
Antenna	Emco	3115	00941	24/02/2025	24/04/2028
Antenna	Schwarzbeck	UHALP 9108A	03106	12/06/2025	12/08/2027
Antenna	Emco	6502	09579	06/02/2025	06/04/2027
Antenna	Schwarzbeck	VHBB 9124 + BBA 9106	19406	15/02/2024	15/04/2026
Attenuator	Rohde & Schwarz	272.4210.50	10813	05/02/2025	05/04/2027
Attenuator	Hytem	03.02.917	19811	02/09/2025	02/11/2028
Cable	Huber + Suhner	N-6m	17270	30/08/2024	30/10/2026
Cable	Hytem	HY17D53UFA0200017D	19859	14/08/2024	14/10/2026
Cable	Hytem	HY17D53UFA0400017D	19868	14/08/2024	14/10/2026
Cable	Hytem	HY17D53UFA0400017D	19870	14/08/2024	14/10/2026
Filter	Filtek	HP12-1225	06356	29/09/2025	29/11/2028
Receiver	Rohde & Schwarz	ESIB26	06089	29/08/2024	29/10/2026
Receiver	Rohde & Schwarz	ESRP7	10517	13/11/2023	13/01/2026
Receiver	Rohde & Schwarz	ESIB7	16532	28/10/2025	28/12/2027
Shielded enclosure	Comtest	SAC 3m	14622	25/08/2025	25/10/2028
Software	Nexio	BAT EMC	00000	---	---

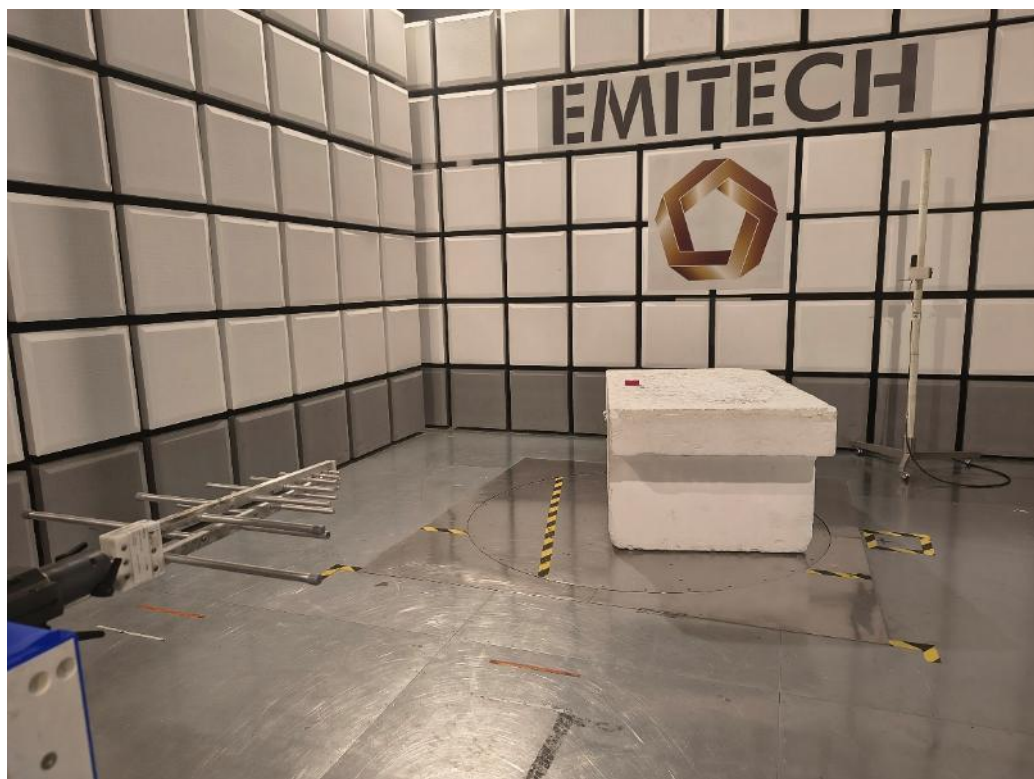
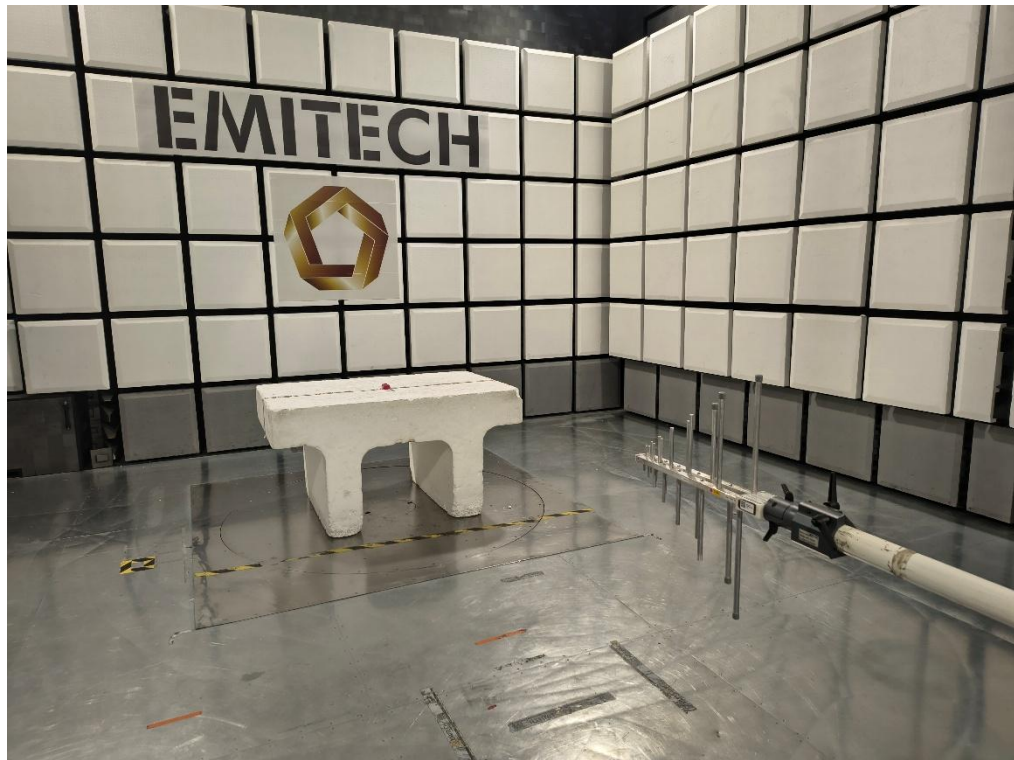
BAT-EMC software version: V3.18.0.26

Blank cells = Permanent validity

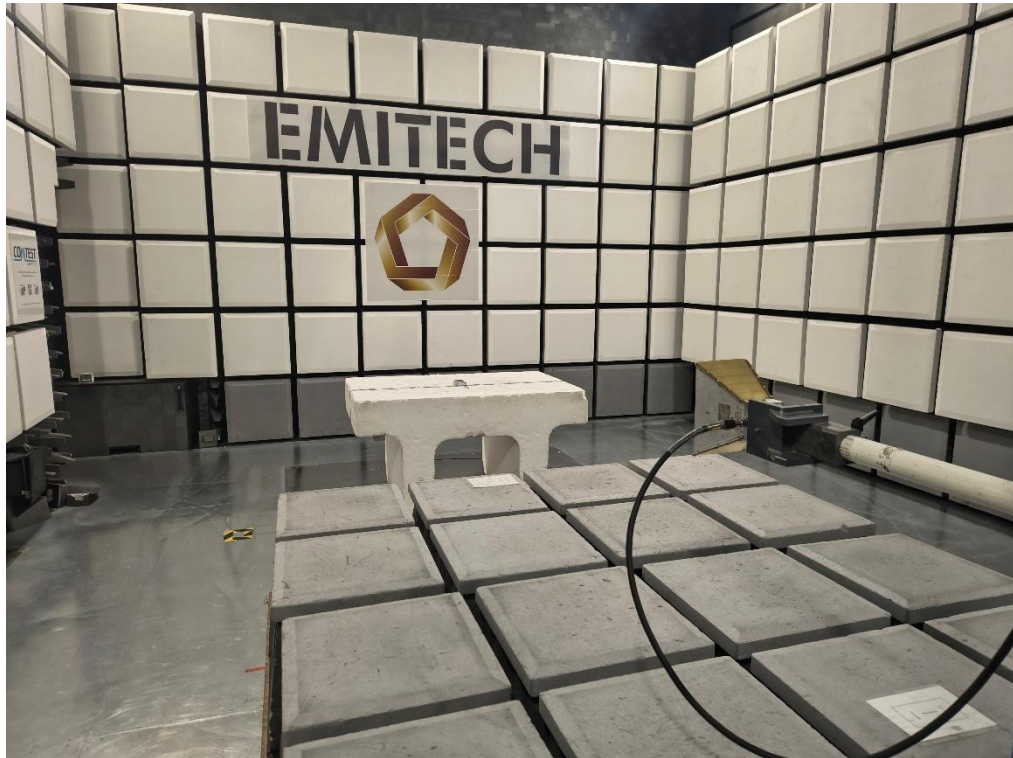
TEST SETUP PHOTOS - 9kHz - 30 MHz

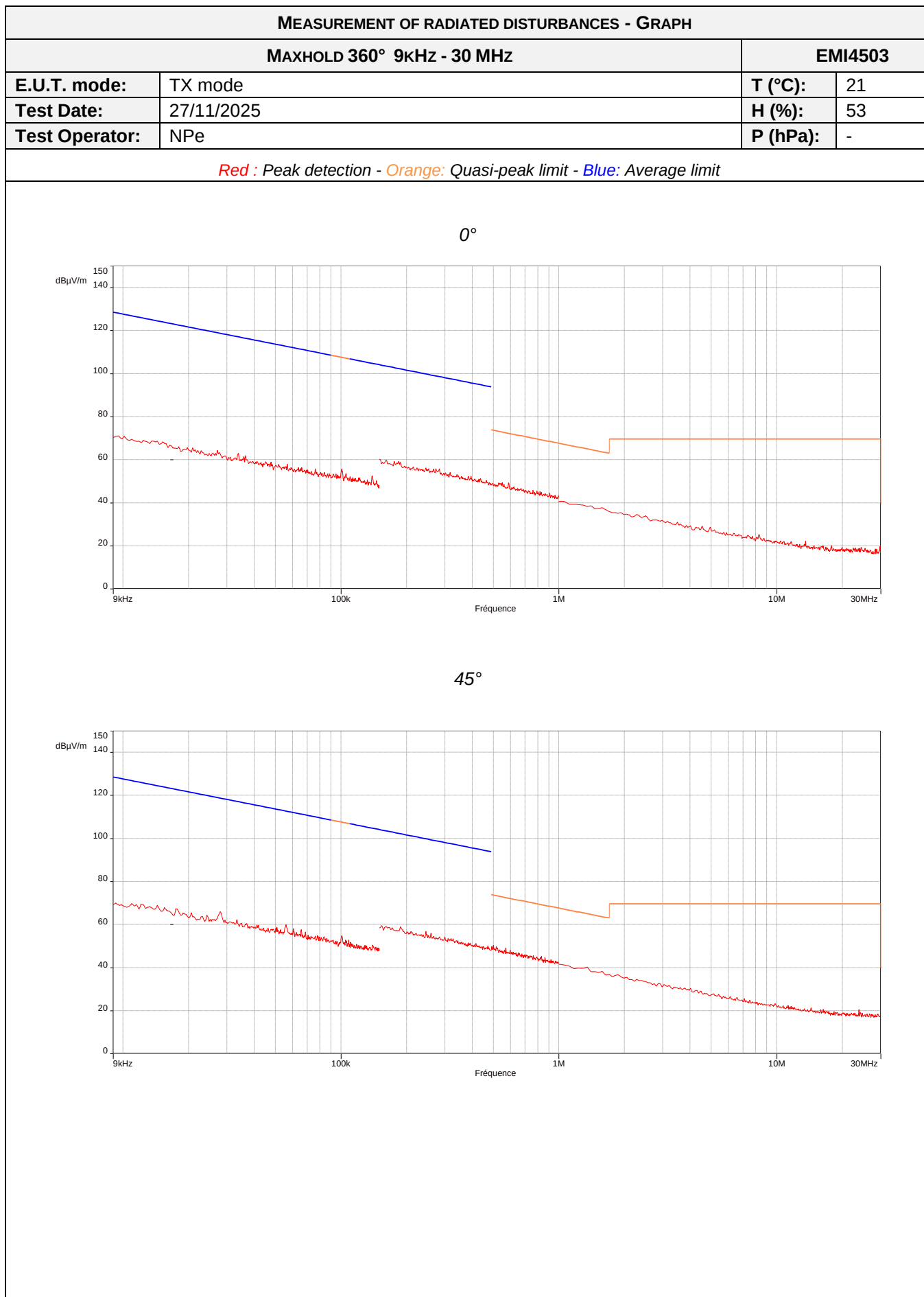


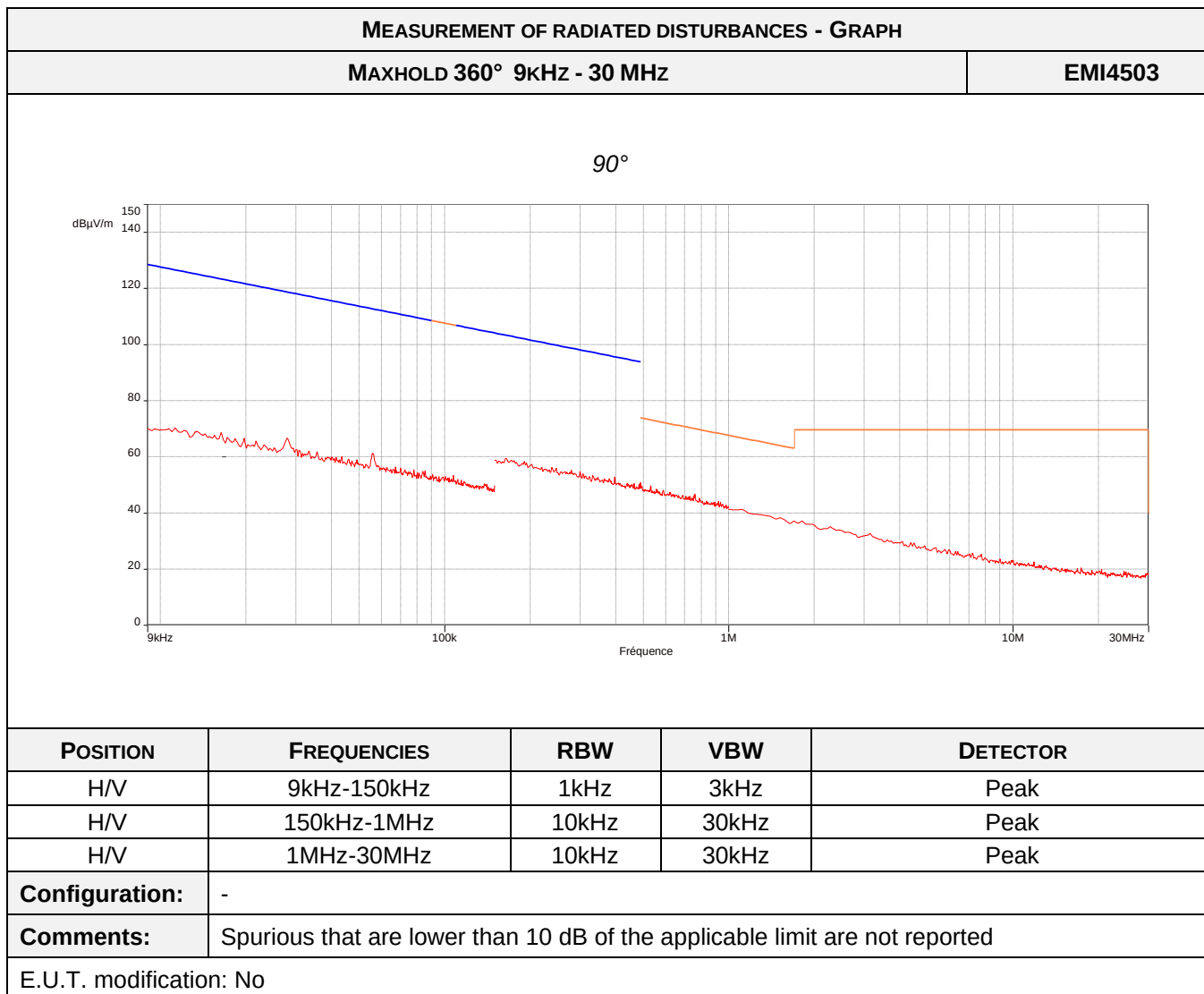
TEST SETUP PHOTOS - - 30MHz - 1GHz

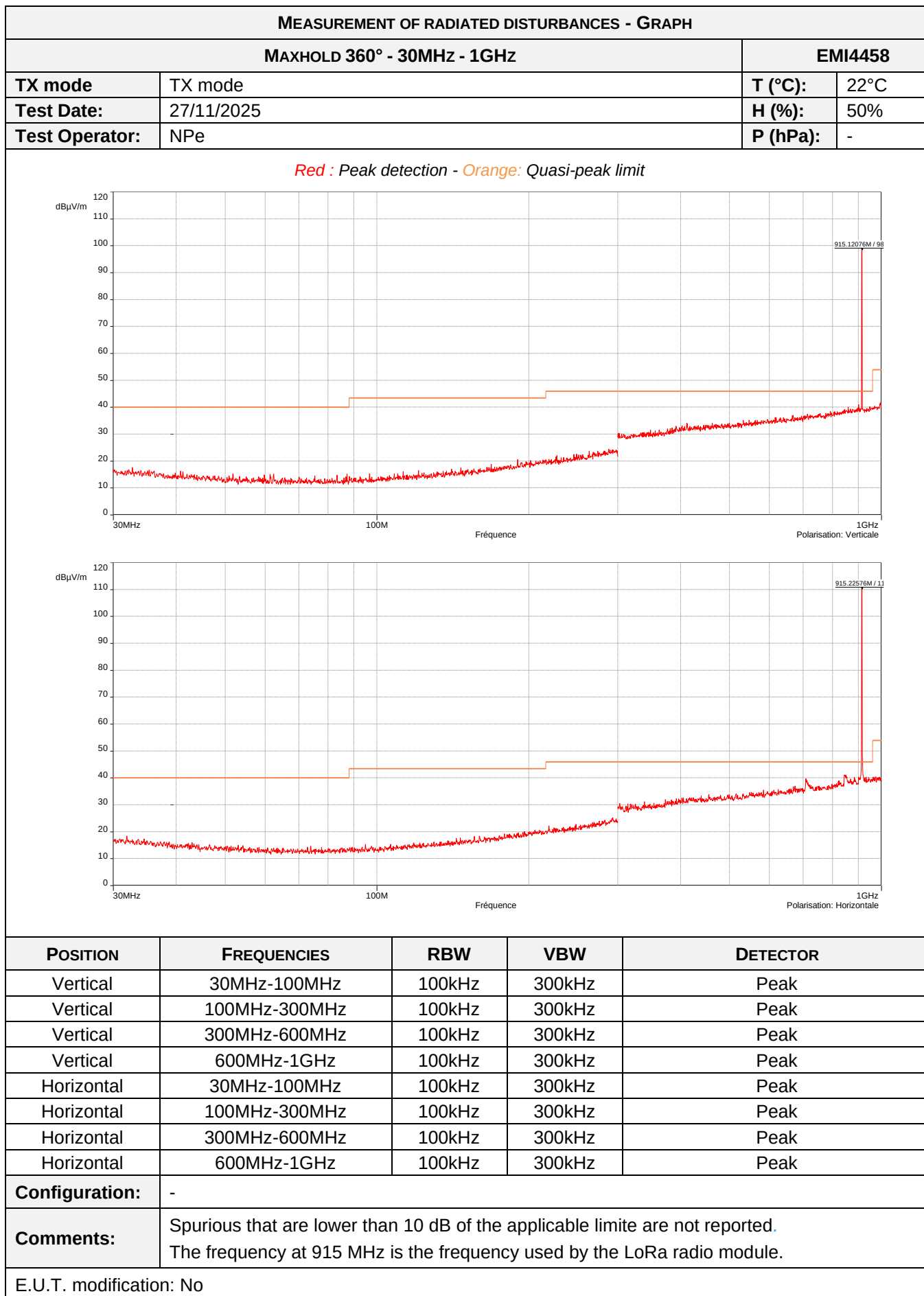


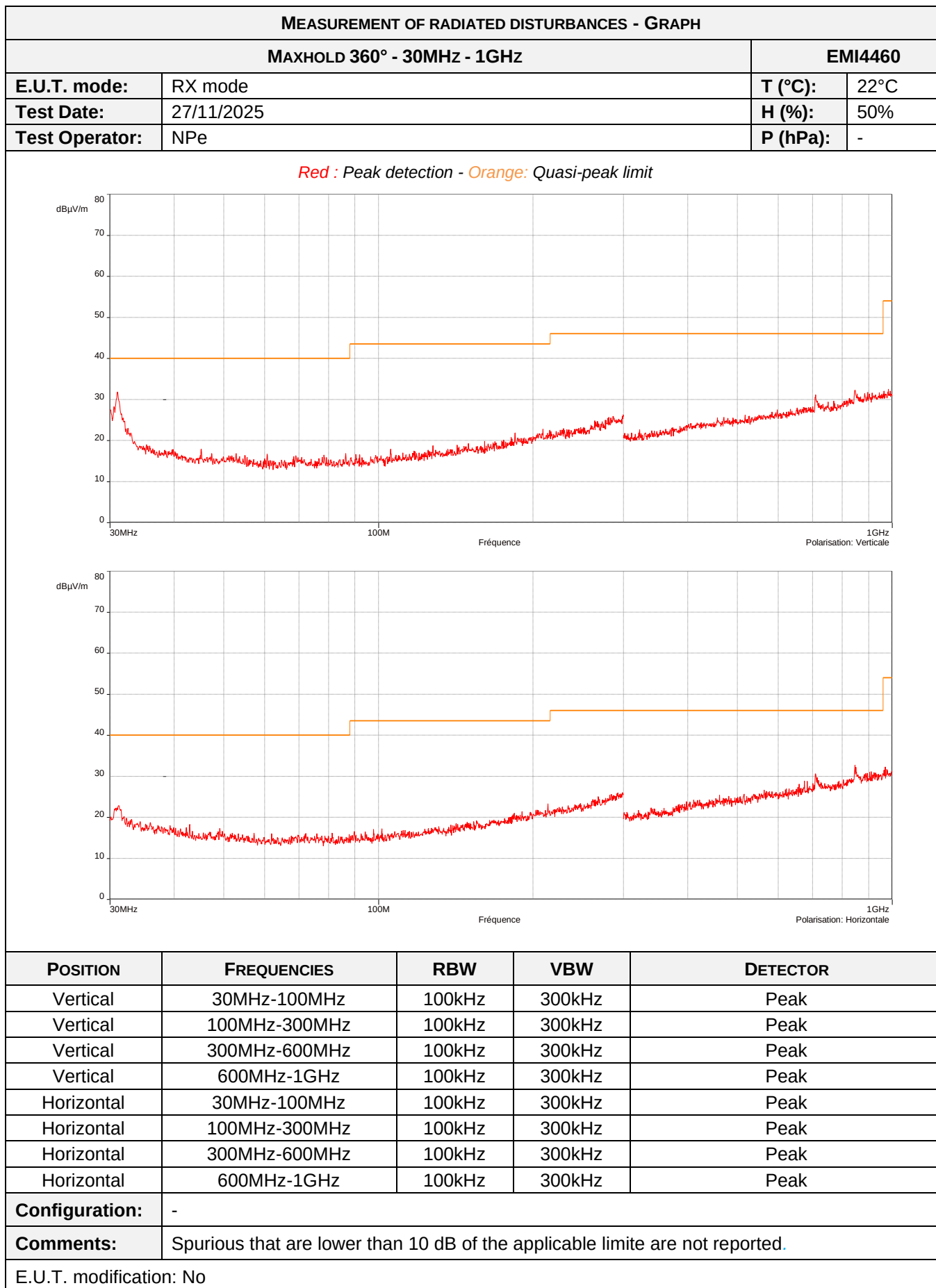
TEST SETUP PHOTO - 1GHZ - 10GHZ

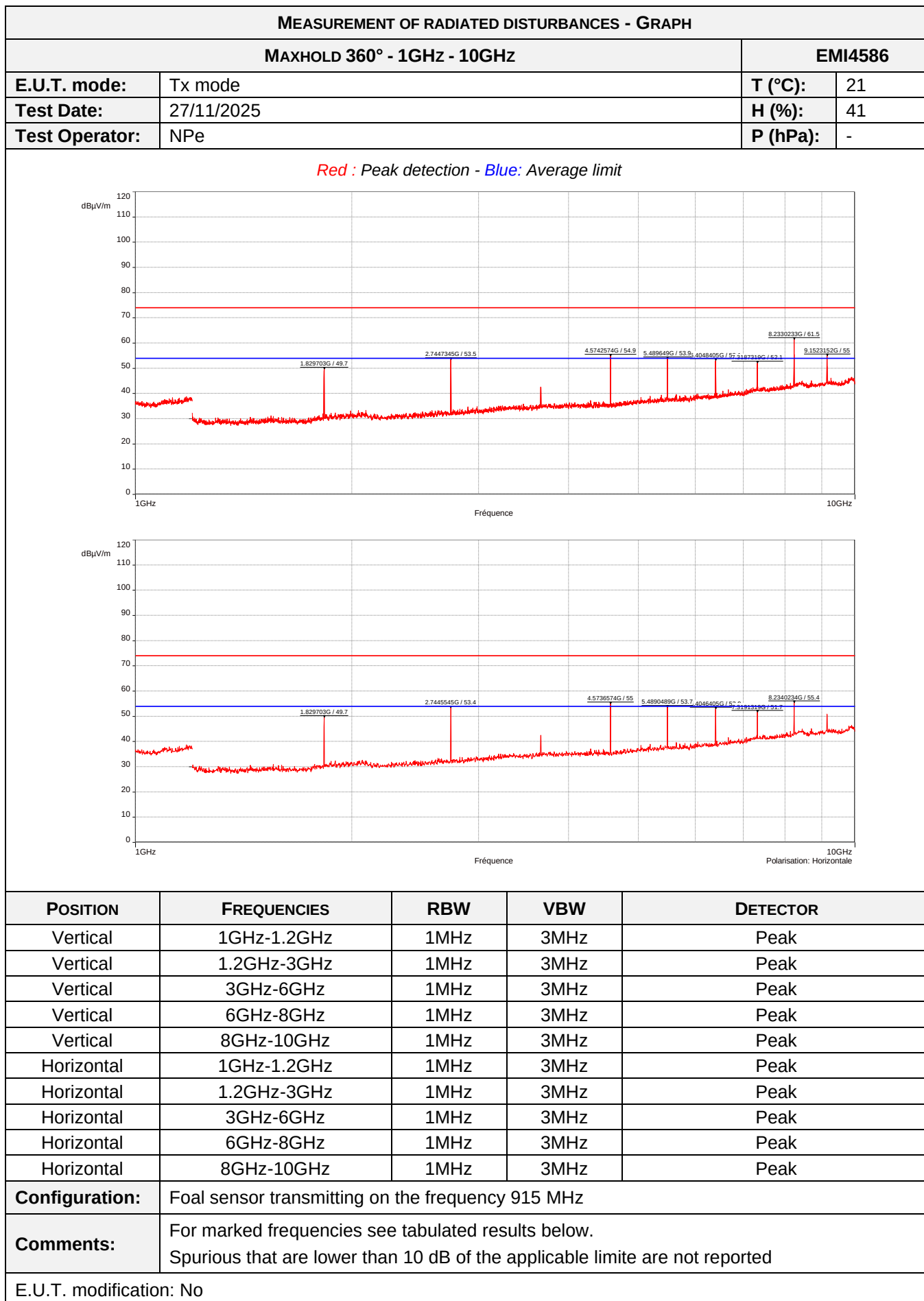












MEASUREMENT OF RADIATED DISTURBANCES - TABULATED RESULTS							
TX MODE - MAXHOLD 360° 30MHz - 1GHz							EMI4586
Test Freq. (MHz)	Detector (Pk/QP/Av)	Ant. position	Azimuth (°)	Ant. Hight (cm)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1830.0	CISPR Av	V	270	135	48.7	54	5.3
2745.0	CISPR Av	V	0	145	48.3	54	5.7
4574.0	CISPR Av	V	145	140	48.1	54	5.9
5489.0	CISPR Av	V	120	180	44.5	54	9.5
6405.0	CISPR Av	V	311	120	42.3	54	11.7
7315.0	CISPR Av	V	310	170	41.6	54	14.4
8234.0	CISPR Av	V	170	210	47.1	54	6.9
9150.0	CISPR Av	V	145	100	44.1	54	9.9
1830.0	CISPR Av	H	180	120	44.3	54	9.7
2745.0	CISPR Av	H	230	155	47.5	54	6.5
4574.0	CISPR Av	H	240	150	49.0	54	5.0
5489.0	CISPR Av	H	240	120	41.1	54	12.9
6405.0	CISPR Av	H	300	140	38.8	54	15.2
7320.0	CISPR Av	H	290	120	37.8	54	16.2
8234.0	CISPR Av	H	50	120	42.0	54	12.0

